

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005)		ATTORNEY'S DOCKET NUMBER <b>133697-0007</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>101549982</b>
INTERNATIONAL APPLICATION NO. <b>PCT/CN2004/000076</b>	INTERNATIONAL FILING DATE <b>30 SEPTEMBER 2004</b>	PRIORITY DATE CLAIMED <b>19 MARCH 2003</b>
TITLE OF INVENTION <b>COMBINED TRANSFORMER AND PREFABRICATED SUBSTATION</b>		
APPLICANT(S) FOR DO/EO/US <b>Bing SUN, Shaojun ZHENG and Aihe LIU</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>EV 468352240 US</b></li> <li>23. <input checked="" type="checkbox"/> Other items or information:</li> </ol>		
<p><b>Substitute Specification - Clean Copy (17 pages)</b>  <b>Substitute Specification - Marked-Up Copy (18 pages)</b>  <b>Information Concerning Elected Offices Notified of Their Election (Form PCT/IB/332) (1 page)</b>  <b>Fee Transmittal</b></p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/549982</b>		INTERNATIONAL APPLICATION NO. <b>PCT/CN2004/000076</b>		ATTORNEY'S DOCKET NUMBER <b>133697-0007</b>	
				<b>CALCULATIONS PTO USE</b>	
The following fees are submitted:					
24. <input checked="" type="checkbox"/> Basic national fee .....				\$300	\$ <b>\$300.00</b>
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ....				\$100	\$ <b>\$200.00</b>
All other situations. ....				\$200	
26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....				\$100	
International Search Report prepared and provided to the Office .....				\$400	
All other situations. ....				\$500	\$ <b>\$400.00</b>
<b>TOTAL OF 24, 25 and 26 =</b>				\$	<b>\$900.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
- 100 =	0	/50 =	0	x \$250.00	\$ <b>\$0.00</b>
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	19	- 20 =	0	x \$50.00	\$ <b>\$0.00</b>
Independent claims	2	- 3 =	0	x \$200.00	\$ <b>\$0.00</b>
MULTIPLE DEPENDENT CLAIMS (if applicable)				<input type="checkbox"/>	+ \$360.00
				\$	<b>\$0.00</b>
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	<b>\$900.00</b>
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	<b>\$450.00</b>
				<b>SUBTOTAL =</b>	\$ <b>\$450.00</b>
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	<b>\$0.00</b>
				<b>TOTAL NATIONAL FEE =</b>	\$ <b>\$450.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				+	\$ <b>\$40.00</b>
				<b>TOTAL FEES ENCLOSED =</b>	\$ <b>\$490.00</b>
				<b>Amount to be</b>	\$
				<b>Amount to be</b>	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>12-2136</u> in the amount of <u>\$490.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-2136</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<p>Michael S. Gzybowski BUTZEL LONG 350 South Main Street Suite 300 Ann Arbor, MI 48104</p> <p> SIGNATURE Michael S. Gzybowski</p>					
<p>NAME <u>32,816</u></p>					
REGISTRATION NUMBER					

Doc Code:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEET TRANSMITTAL for FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

\$490.00

## Complete if Known

Application Number	Unknown	107549987
Filing Date	09/19/2005	
First Named Inventor	Bing SUN, Shaojun ZHENG and Aihe LIU	
Examiner Name	Unknown	
Art Unit	Unknown	
Attorney Docket No.	133697-0007	

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Deposit Account Number: 12-2136 Deposit Account Name: BUTZEL LONG

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity
50	25
200	100
360	180

Each independent claim over 3 (including Reissues)

Multiple Dependent Claims
Fee (\$)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)
19	- 20 or HP = 0	x \$25.00	= \$0.00		

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
2	- 3 or HP = 0	x \$100.00	= \$0.00

HP = highest number of independent claims paid for, if greater than 3.

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = 0	/ 50 0	(round up to a whole)	x \$125.00	= \$0.00

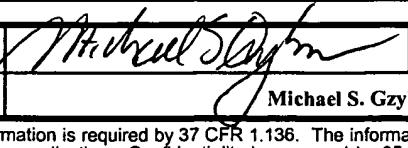
## 4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): BASIC FILING FEE-NATIONAL PHASE and RECORDATION FEE

\$490.00

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	32,816	Telephone	734.995.3110
Name (Print/Type)	Michael S. Gzybowski		Date	09/19/2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/549982

ATTORNEY'S DOCKET NO.: 133697-0007

JC17 Rec'd PCT/PTO 19 SEP 2005

"EXPRESS MAIL" COVER LETTER  
U.S. PATENT APPLICATION

Date: September 19, 2005

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: APPLICANTS: Bing SUN, Shaojun ZHENG, Aihe LIU  
TITLE OF INVENTION: COMBINED TRANSFORMER AND PREFABRICATED SUBSTATION

Sir:

Forwarded herewith is the above-identified application, consisting of the following:

Express Mail Cover Letter

Certificate of Mailing by "Express Mail"

Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing

Under 35 U.S.C. 371 - In Duplicate

PCT Publication of International Application No. PCT/CN2004/000076 (Publication No. PCTWO2004/084368 A1) (22 pages)

Translation of International Application No. PCT/CN2004/000076 (Publication No. PCTWO2004/084368 A1) into English

Including Abstract and Specification (7 pages), Claims (2 pages) and Ten (10) Drawings (19 pages)

English translation of the amended Claims 1-19 under PCT Rule 34 (2 pages)

Substitute Specification - Clean Copy (17 pages)

Substitute Specification - Marked-Up Copy (18 pages)

Preliminary Amendment (8 pages)

PCT/USA National Declaration and Power of Attorney (2 pages)

Written Opinion of the International Searching Authority in English and Chinese (PCE/ISA/237) (4 pages)

International Preliminary Report on Patentability, together with the Notification of Transmission (form PCT/IPEA/416 and form PCT/IPEA/409) and amended Claims under PCT Rule 34 in Chinese (6 pages)

Information Concerning Elected Offices Notified of Their Election (Form PCT/IB/332) (1 page)

Recordation Form Cover Sheet and Addendum (2 pages)

Assignment Document (1 page)

Information Disclosure Statement (2 pages)

Information Disclosure Statement (PTO-1449) with Cited References

Fee Transmittal (1 page)

Return Post Card

Respectfully submitted,



Michael S. Gzybowski

Reg. No. 32,816

Attorney for Applicant

BUTZEL LONG  
350 South Main Street  
Suite 300  
Ann Arbor, MI 48104  
734-995-3110 (ph)

"EXPRESS MAIL" Mailing No. EV 468352240 US

Date of Deposit: September 19, 2005

I hereby certify that this paper is being deposited with  
The United States Postal Service "EXPRESS MAIL"  
POST OFFICE TO ADDRESSEE" service under  
37 CFR 1.10 on the date indicated above and is addressed  
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P.O. Box 1450, Alexandria, VA 22313-1450



Marilyn M. Peterson

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Bing SUN, Shaojun ZHENG and Aihe LIU

10/549982

133697-0007

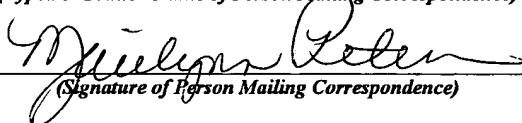
JC17 Rec'd PCT/FTO 19 SEP 2005

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit
Unknown	09/19/2005	Unknown	35684	Unknown

Invention: **COMBINED TRANSFORMER AND PREFABRICATED SUBSTATION****I hereby certify that the following correspondence:**

Express Mail Cover Letter, Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371-In Duplicate, PCT Publication of International Application No. PCT/CN2004/000076 (22 pgs), Translation of International Application No. PCT/CN2004/000076 into English Including Abstract and Specification (7 pages), Claims (2 pgs) and Ten (10) Drawings (19 pages), English translation of the amended Claims 1-19 under PCT Rule 34 (2 pgs), Substitute Specification - Clean Copy (17 pgs), Substitute Specification - Marked-Up Copy (18 pgs), Preliminary Amendment (8 pgs), PCT/USA National Declaration and Power of Attorney (2 pgs), Written Opinion of the International Searching Authority in English and Chinese (PCE/ISA/237) (4 pgs), International Preliminary Report on Patentability, together with the Notification of Transmission (form PCT/IPEA/416 and form PCT/IPEA/409) and amended Claims under PCT Rule 34 in Chinese (6 pgs), Information Concerning Elected Offices Notified of Their Election (Form PCT/IB/332) (1 pg), Recordation Form Cover Sheet and Addendum (2 pgs), Assignment Document (1 pg), Information Disclosure Statement (2 pgs), Information Disclosure Statement (PTO-1449) with Cited References, Fee Transmittal (1 pg), and Return Post Card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450 on 09/19/2005  
(*Date*)

**Marilynn M. Peterson***(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)***EV 468352240 US***("Express Mail" Mailing Label Number)*

Note: Each paper must have its own certificate of mailing.